

Date: Wed, 23 Feb 94 04:30:19 PST
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #42
To: Ham-Equip

Ham-Equip Digest Wed, 23 Feb 94 Volume 94 : Issue 42

Today's Topics:

 Hardline / heliax (2 msgs)
 Help with motorola MICOM...
 htx-202 audio mod (?) (2 msgs)
 MOTOROLA MITREK (2 msgs)
 Need info of Grundid Satellit 700 & Sony ICF-SW77
 Need manual for Knight 50W Xmitter
 Recommendations for headset/boom mikes?
 Watkins-Johnson HF-1000 receiver questions
 Weird device.. Help in identifying please..

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 22 Feb 1994 12:57:29 GMT
From: agate!howland.reston.ans.net!torn!nott!cunews!freenet.carleton.ca!
FreeNet.Carleton.CA!ae517@ames.arpa
Subject: Hardline / heliax
To: ham-equip@ucsd.edu

In a previous article, kinzer@dtsdev0.sps.mot.com (Dave Kinzer) says:

>
>system throughout, since that is what is expected at the transmitter
>and presumed antenna systems. I do know that cable companies sometimes
>have leftover pieces, but it is usually 75 ohm cable. Any pointers
>would be appreciated.

>
>-dave

There was a fellow advertising in 73 magazine who sold 1/4 wave matching units for 75 ohm CATV cable. As well, I recall seeing an article in the same rag which actually described how build these matching devices using copper pipe/tubing and type N connectors. I will try to find this article if you wish.

I recalling seeing something in QST technical notes suggesting using a copper pipe reducer to fit the type N connector to the CATV cable. Then ensure the 75 cable is cut to a multiple of 1/2 wavelength. (taking into account VF)

I got over 100 feet of 3/4 inch 75 ohm hardline from my local cable company for FREE!! It's still sitting in my garage awaiting the installation of a tower. I used the spool for a picnic table.

73 de VA3RR/AA8LU

--

Date: Tue, 22 Feb 1994 15:54:16 GMT
From: spsgate!mogate!newsgate!dtsdev0!kinzer@uunet.uu.net
Subject: Hardline / heliax
To: ham-equip@ucsd.edu

In article <CLMMnu.IpC@freenet.carleton.ca> ae517@FreeNet.Carleton.CA (Russ Renaud) writes:

>There was a fellow advertising in 73 magazine who sold 1/4 wave matching units
>for 75 ohm CATV cable.

Another ham E-mailed this very suggestion as well, and thanks for the input. The limitation of these is that they work at one frequency. I tend to have great interest in fiddeling with one thing, getting it to work, using it for a while, and going on to the next. On the other hand, running the cables through my house is something I'd rather only do once. Thus is born my desire to have 50 Ohm cabling, which is 50 Ohm at any frequency. My 2M/.7M desire of today is likely to turn to 1.2GHz at a moment's notice (or is 6M next? Who knows?!?)

I suppose I could run the 75 Ohm cabling with 75 Ohm connectors, and build the matching sections for each band externally. Given the difficulty of this installation, (I still don't exactly know how I'm going to do it,) I wouldn't mind putting some bucks into it to get it right the first time.

-dave

Date: Mon, 21 Feb 1994 08:09:29 -0600
From: agate!howland.reston.ans.net!cs.utexas.edu!asuvax!pitstop.mcd.mot.com!
mcdphx!schbbs!mothost!lmpsbbs!NewsWatcher!user@ames.arpa
Subject: Help with motorola MICOM...
To: ham-equip@ucsd.edu

In article <1994Feb18.003840.1@leif>, jcraig@kean.ucs.mun.ca wrote:

>
> I outbid someone at our club auction for a motorola MICOM model
> L70SCC-1180AM HF ssb rig. I took the silly thing home, and was lucky
> to find that I had crystals to get it going on 160, 80 and 40m. Of
> course, it's USB only, but I did manage to have 0.5 dozen QSO's on CW.
>
> It seems that the RX sensitivity is down a bit. Can anyone tell me how
> to peak the RX? How are the band pass filters selected? Any
> info would be appreciated!
>
> 73 de Joe V01NA

Have you made contact with the Motorola Canada sales force? They have a full set of operations and service manuals for this unit available from their Parts Department. Don't expect this unit to have quite the same bench test (ideal) sensitivity as the stuff rolling off today's production lines, but when the noise floor is 10 microvolts, you won't care anyhow.

--

Karl Beckman, P.E. < STUPIDITY is an elemental force for which >
Motorola Comm - Fixed Data < no earthquake is a match. -- Karl Kraus >

Some of the opinions expressed above aren't even claimed by the author!
Amateur radio WA8NVW @ K8MR.NEOH.USA.NA NavyMARS VBH @ NOGBN.NOASI

Date: 21 Feb 94 13:09:50 GMT
From: nprdc!ihnp4.ucsd.edu!swrinde!cs.utexas.edu!utah-morgan!hellgate.utah.edu!
cc.usu.edu!sy_j.pgh.wec.com!user@network.ucsd.edu
Subject: htx-202 audio mod (?)
To: ham-equip@ucsd.edu

I recently got an htx202 and since I've been using it, I have gotten signal reports that my audio is low. someone mentioned that radio shack will do an audio circuit mod for free if it is under warranty. anybody here knows what the mod is ? and if it can be done without taking it to the RS service center which is open only at a very inconvenient time.

jerry
N3RKD

Date: Tue, 22 Feb 1994 16:07:15 GMT
From: spsgate!mogate!newsgate!news@uunet.uu.net
Subject: htx-202 audio mod (?)
To: ham-equip@ucsd.edu

In article <ah301-210294080950@sy_j.pgh.wec.com> writes:
> I recently got an htx202 and since I've been using it, I have gotten
> signal reports that my audio is low. someone mentioned that radio
> shack will do an audio circuit mod for free if it is under warranty.
> anybody here knows what the mod is ? and if it can be done without
> taking it to the RS service center which is open only at a very
> inconvenient time.
>
> jerry
> N3RKD

Often when I talked to people they were able to guess I was using an HTX202 based on the audio levels. I took mine to the local repair center, and the tech said mine was about as low as he had seen it. I think it is more like a quick adjustment rather than a mod.

I believe it works better now, because I have asked folks and they say that the audio is sufficient.

By the way, record all of your memory settings. When you get your radio back, its memory will be clear.

--
R i c k C o t t l e
Email:cottle@prism.sps.mot.com

Date: Mon, 21 Feb 1994 16:38:21 GMT

From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!moe.ksu.ksu.edu!usenet-feed.umn.edu!crunch.nuc.umn.edu!sidener@ames.arpa
Subject: MOTOROLA MITREK
To: ham-equip@ucsd.edu

Does anyone have any experience, hints, or tips on converting a Motorola Mitrek VHF radio into a repeater?

I would appreciate any comments.

Thanks, NOWFL Scott Sidener sidener@crunch.nuc.umn.edu

Date: Tue, 22 Feb 1994 15:16:00 GMT
From: utcsri!newsflash.concordia.ca!pavo.concordia.ca!md_hill@uunet.uu.net
Subject: MOTOROLA MITREK
To: ham-equip@ucsd.edu

In article <1994Feb21.163821.3347@umn.edu>, sidener@crunch.nuc.umn.edu (Scott Sidener) writes...

>
> Does anyone have any experience, hints, or tips on converting a Motorola Mitrek VHF
> radio into a repeater?

>
>
I believe that there is a file that describes the process for the Mitrek available via anonymous ftp to ftp.catt.ncsu.edu in pub/hamradio.
Good Luck

-Mark Hillier Internet: MD_HILL@pavo.concordia.ca
 Amateur: VE2HVV
 PACKET: VE2HVV@VE2FKB
" I hear, I forget. I see, I remember. I do, I understand"

Date: 22 Feb 94 21:06:55 GMT
From: news-mail-gateway@ucsd.edu
Subject: Need info of Grundig Satellit 700 & Sony ICF-SW77
To: ham-equip@ucsd.edu

I intend to buy a SW radio. The 2 that I am interested in are Grundig Satellit 700 and Sony ICF-SW77. Does anyone know these radios ? Please give the review,

and recommendation.

Thank you in advance for the requested information.

T. Nguyen

Date: Mon, 21 Feb 1994 16:32:36 GMT
From: elroy.jpl.nasa.gov!usc!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!
battin@ames.arpa
Subject: Need manual for Knight 50W Xmitter
To: ham-equip@ucsd.edu

I need a manual (preferably with schematic) for an old Knight 50 Watt
HF transmitter. Anyone who can help me out reply by email.
Thanks...

--
Gene Battin
battin@cyclops.iucf.indiana.edu

Date: Mon, 21 Feb 1994 08:15:19 -0600
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!cs.utexas.edu!asuvax!
pitstop.mcd.mot.com!mcdphx!schbbs!mothost!lmpsbbs!NewsWatcher!user@ames.arpa
Subject: Recommendations for headset/boom mikes?
To: ham-equip@ucsd.edu

In article <2k9fih\$419@epic.truevision.com>, davids@truevision.com (David
Spoelstra) wrote:

> I am looking for recommendations for headsets with boom microphones. I will
> use them with my Kenwood TS450 and my Yaesu FT530. I would like to find one
> with one earpiece for the FT530, and two earpieces for the TS450. I have
> seen several inexpensive ones that were attached to some Radio Shack walkie
> talkies, and one that came with a sound blaster type board, but I don't know
> of a source for these. I have also heard of an expensive brand called Heil.
> Are the Heil ones worth the cost, and does anyone have a phone number for
> the Heil company so that I can get a catalog.
>
> Thanks for the help,
> -David N9PGH
> davids@truevision.com

You will find that the Heil units are carried by Amateur Electronic Supply
(AES)
in their mail-order catalog. They are also available from many local

amateur
stores-have you checked with your local dealers?

--

Karl Beckman, P.E. < STUPIDITY is an elemental force for which >
Motorola Comm - Fixed Data < no earthquake is a match. -- Karl Kraus >

Some of the opinions expressed above aren't even claimed by the author!
Amateur radio WA8NVW @ K8MR.NEOH.USA.NA NavyMARS VBH @ NOGBN.NOASI

Date: Mon, 21 Feb 1994 21:07:18 GMT
From: olivea!news.bu.edu!att-in!cbnewse!parnass@ames.arpa
Subject: Watkins-Johnson HF-1000 receiver questions
To: ham-equip@ucsd.edu

I read a few catalog descriptions and Tom Roach's
Usenet review of the pricey Watkins-Johnson HF-1000
receiver. Can someone with an HF-1000 answer these
questions?

1. Does the HF-1000 have a passband tuning control
which functions for SSB? AM? The Grove catalog
mentions the passband tuning only on CW, but the
EEB catalog doesn't specify.
2. What bandwidths are available for FM reception?
3. Is the notch an IF notch? Does it affect the AGC?
4. How many VFOs (not memory channels) does the HF-
1000 have?
5. Is a service manual furnished with the HF-1000 or
is it an extra cost option?
6. Is there a squelch control? Does it work on all
modes?
7. When scanning memory channels, I want the receiver
to only resume scanning a few seconds after the
signal disappears. I don't want the receiver to
resume scanning in the middle of a transmission.
Does the HF-1000 support such operation?

Thanks.

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AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

Date: 22 Feb 94 20:43:37 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!news.unt.edu!sol!io90@ames.arpa
Subject: Weird device.. Help in identifying please..
To: ham-equip@ucsd.edu

On my normal trek from the University of North Texas to Houston, I often stop along the way for the obligatory gatorade.. Due to road conditions I stopped at a truckstop... As I was browsing their radio/radar gear I came across a midland device.. It had a mic jack but no indicator of what you were transmitting.. There were a good deal of buttons though like <"FOG1" "FOG2"... "AGND" etc etc> What is it? What does it do?
Anyone?

Trey Garland, N5RXZ

End of Ham-Equip Digest V94 #42
